



Op 125

ORTH 345

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Patrick Chung-Shu Kung and Gideon Goldstein .
Serial No. : 33,669
Filed : April 26, 1979
For : HYBRID CELL LINE FOR PRODUCING COMPLEMENT-
FIXING MONOCLONAL ANTIBODY TO HUMAN T
CELLS, ANTIBODY, AND METHODS
Examiner : Anna P. Fagelson
Group : 125

full
7-22-80

9/B

Commissioner of Patents and Trademarks
Washington, D. C. 20231

July 11, 1980

AMENDMENT

Dear Sir:

In response to the Official Action dated March 13, 1980,
kindly make the following amendments:

IN THE CLAIMS:

1. (amended) A monoclonal antibody of class IgG
produced by a hybridoma formed by fusion of cells from a mouse
myeloma line and spleen cells from a mouse previously immunized
with human T cells [and cells from a mouse myeloma line], which
antibody:

- B'
- a). reacts with essentially all normal human
peripheral T cells and cutaneous T
lymphoma cells, but not with normal
human peripheral B cells, null cells
or macrophages;
 - b). reacts with from about 5% to about 10%
of normal human thymocytes;
 - c). reacts with leukemic cells from humans
with T cell chronic lymphoblastic leu-
kemia but does not react with leukemic
cells from humans with T cell acute

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